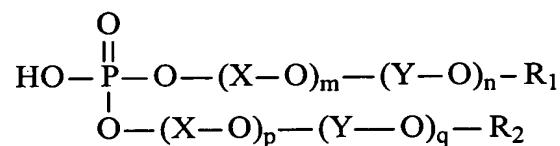


AMENDMENTS TO THE CLAIMS

Claim 1 (Previously Presented): A process for treatment of a mineral charge characterized in that said charge

a) is treated with at least one treatment agent with the general formula (1):



with R_1 = either H or alkyl with C₈ to C₄₀ or aryl or alkylaryl or arylalkyl with C₆ to C₄₀,

with R_2 = either alkyl with C₈ to C₄₀ or aryl or alkylaryl or arylalkyl with C₆ to C₄₀,

X = -CH₂-CH₂- or -CH(CH₃)-CH₂- or

-CH₂-CH(CH₃)- or -(CH₂)₅-CO-,

Y = -CH₂-CH₂- or -CH(CH₃)-CH₂- or

-CH₂-CH(CH₃)- or -(CH₂)₅-CO-,

X and Y being identical or different,

(m + n) ranging from 0 to 60 (including limits) as well as (p+q)

with $0 \leq m + n \leq 60$ and $0 \leq p + q \leq 60$ when X = Y = -CH₂-CH₂- and

with ($1 \leq m \leq 10$ and $1 \leq p \leq 10$) and ($0 \leq n \leq 59$ and $0 \leq q \leq 59$) when X is different from Y; and

b) undergoes a deagglomeration stage.

Claim 2 (Previously Presented): The process according to claim 1, characterized in that said charge undergoes a further stage, a selection stage c) following deagglomeration stage b).

Claim 3 (Previously Presented): The process according to claim 1, characterized in that said treatment agent is a branched or linear C₈ to C₂₀ aliphatic alcohol acid phosphate on which there are condensed from 0 to 12 ethylene oxide motifs.

Claim 4 (Previously Presented): The process according to claim 3, characterized in that said treatment agent comprises a mixture of mono- and diesters.

Claim 5 (Currently Amended): The process according to claim 1, characterized in that said treatment agent is a mixture of decyl alcohol acid phosphate mono- and diester with 5 moles of ethylene oxide.

Claim 6 (Previously Presented): The process according to claim 1, characterized in that said treatment agent is tristyrylphenol acid phosphate monoester containing 60 moles of ethylene oxide.

Claim 7 (Previously Presented): The process according to claim 1, characterized in that said treatment agent is a mixture of ketostearyl alcohol acid phosphate mono- and diester.

Claim 8 (Previously Presented): The process according to claim 1, characterized in that said treatment agent is a mixture of nonylphenol acid phosphate mono- and diester containing 10 moles of ethylene oxide.

Claim 9 (Previously Presented): The process according to claim 1, characterized in that said treatment is performed by the dry method or by the wet method.

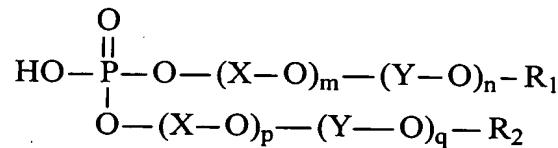
Claim 10 (Previously Presented): The process according to claim 1, characterized in that said charge is selected from among: natural or synthetic alkaline-earth carbonates, phosphates and sulfates, zinc carbonate, mixed salts of magnesium and calcium, dolomites, lime, magnesia, barium sulfate, calcium sulfates, magnesium and aluminum hydroxides, silica, willastonite, clays and other silico-aluminous materials, kaolins, silico-magnesians, talc, mica, solid or hollow glass balls, metal oxides, zinc oxides, iron oxides, titanium oxide and mixtures thereof.

Claim 11 (Previously Presented): The process according to claim 10, characterized in that said charge is selected from among: natural calcium carbonates selected from among chalk, calcite and marble, precipitated calcium carbonate, dolomite, aluminum or magnesium hydroxides, kaolin, talc, wollastonite and mixtures thereof.

Claims 12-34 (Canceled)

Claim 35 (Currently Amended): Flexible, semi-rigid or rigid polyurethane foams, characterized in that they incorporate ~~the a~~ treated mineral charge ~~of claim 12 that is~~ produced by a process wherein a mineral charge

- a) is treated with at least one treatment agent of the general formula (1):



with R_1 = either H or alkyl with C₈ to C₄₀ or aryl or alkylaryl or arylalkyl with C₆ to C₄₀,

with R_2 = either alkyl with C₈ to C₄₀ or aryl or alkylaryl or arylalkyl with C₆ to C₄₀,

X = -CH₂-CH₂- or -CH(CH₃)-CH₂- or

-CH₂-CH(CH₃) - or -(CH₂)₅CO-,

Y = -CH₂-CH₂- or -CH(CH₃)-CH₂- or

-CH₂-CH(CH₃)- or -(CH₂)₅CO-,

X and Y being identical or different,

(m + n) ranges from 0 to 60 (including limits) as well as (p + q)

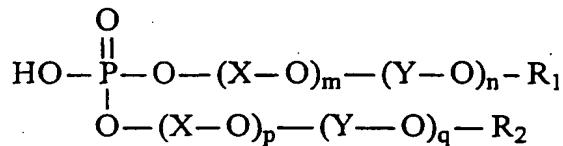
with $0 \leq m + n \leq 60$ and $0 \leq p + q \leq 60$ when X = Y = -CH₂-CH₂- and

with ($1 \leq m \leq 10$ and $1 \leq p \leq 10$) and ($0 \leq n \leq 59$ and $0 \leq q \leq 59$) when X is different from Y;

- b) undergoes a deagglomeration stage; and
c) optionally undergoes a selection stage.

Claim 36 (Currently Amended): Composite polyurethanes, characterized in that they incorporate ~~the a~~ treated mineral charge of claim 12 that is produced by a process wherein a mineral charge

- a) is treated with at least one treatment agent of the general formula (1):



with R₁ = either H or alkyl with C₈ to C₄₀ or aryl or alkylaryl or arylalkyl with C₆ to C₄₀,

with R₂ = either alkyl with C₈ to C₄₀ or aryl or alkylaryl or arylalkyl with C₆ to C₄₀,

X = -CH₂-CH₂- or -CH(CH₃)-CH₂- or

-CH₂-CH(CH₃) - or -(CH₂)₅-CO-,

Y = -CH₂-CH₂- or - CH(CH₃)-CH₂- or

-CH₂-CH(CH₃) - or -(CH₂)₅-CO-,

X and Y being identical or different,

(m + n) ranges from 0 to 60 (including limits) as well as (p + q)

with 0 ≤ m + n ≤ 60 and 0 ≤ p + q ≤ 60 when X = Y = -CH₂-CH₂- and

with (1 ≤ m ≤ 10 and 1 ≤ p ≤ 10) and (0 ≤ n ≤ 59 and 0 ≤ q ≤ 59) when X is

different from Y;

- b) undergoes a deagglomeration stage; and

- c) optionally undergoes a selection stage.

Claim 37 (Previously Presented): Molded or non-molded articles, characterized in that they are obtained from the foams of claim 35.